FLORIDA SKIP

VOL. 35 No. 10 THE ALL-FLORIDA AMATEUR RADIO PUBLICATION October 1993 75 Cents

Joint Resolution Support Requested

James Gundry

W4JM

R.I.P.

One of the most active and highly regarded Florida amateurs, Jim Gundry, W4JM, of 2908 Forestgreen Drive S., Lakeland passed away August 29, 1993 after an extended illness. He was 75 years old.

First licensed in 1930, he was very active with the QCWA (Chapter 107) for over 35 years and recently with the OOTC (Old Old Timers Club). He was also a member of the ARRL, the Lakeland Amateur Radio Club and Dixieland Lions.

Jim moved to Lakeland 15 years ago from Atlanta where he worked as an advertising executive. He was born in Pontiac, Michigan on May 5, 1918.

He is survived by his wife, Martha L. Gundry, Lakeland; son, James R. Gundry, Lakeland; daughter Leila G. Allen, Plant City; brother, William J. Gundry, Lakeland; and one grandchild.

Services were held on Thursday September 2 with interment in the Florida National Cemetery, Bushnell, Florida.

According to Perry Williams, W1UED, the ARRL Washington Area Coordinator, amateur radio operators are strongly urged to write to their Senators and Congressmen in support of The Amateur Radio Service Joint Resolution, S.J. Res. 90 and H.J. Res. 199, introduced by Senator Robb and Congressman Kreidler, respectively.

S.J. Res. 90 and H.J. Res. 199 recognizes the achievements of radio amateurs, urges the FCC to continue and enhance the development of the amateur radio service, and requests that reasonable accommodation be made for effective operation of amateur radio and "regulation at all levels of Government facilitate and encourage amateur radio operation as a public benefit."

The Amateur Radio Volunteer Service Act of 1993, H.R. 2623, filed on July 13 by Congressman Slattery of Kansas, a member of the Telecommunications Subcommittee. This bill would amend the Communications Act so that no licensee who provides volunteer services specified in Section 4 (F) (4) of the Act (47 U.S.C. 4(f)(4)) for the FCC shall incur personal financial responsibility for any alleged damage, loss or injury. To be protected under H.R. 2633 the volunteer must, of course, be acting in good faith and within the scope of his individual duties in volunteer examining, volunteer monitoring or in the club/military recreation call sign project.

Williams said, "Staff people have told me that their Senators and Representatives won't endorse any resolutions unless and until they hear from several constituents." Their reasoning is that "Commemorative" legislation - bills that seek "National Pickle Week" declarations and the like - have gotten out of hand. "Our resolution is more meaningful than those, but because it bears the same ***Joint Resolution Label***, it often gets 'tarred with the same brush'. Messages from home will change that perspective," said Williams.

Write a short note to your Senators and Representative, and ask your fellow ARRL members and amateurs to do likewise. The sooner, the better: Congress will be tackling the health reform issues in mid-September and minor matters will take a back seat. The letters to members of Congress should **specifically invite cosponsorship** of the bills. They need not be long or detailed; in fact, this is one time when the visual impact of messages on QSL cards may help carry the day!

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MESSAGE FROM M.E.

Gerry (KC4EHT), Managing Editor

Melbourne Hamfest a Wing-Dinger

The Hamfest was a winner. I don't say that because I'm a director of PCARS, but because I was one of the happy commercial vendors with no particular perks other than I was the first exhibitor to get a badge. And that was because I was in charge of getting them printed!

I tested my perceived considerable influence by telling the public address announcer that the system was dreadfully inadequate for people in the front of the auditorium. The sound system remained dreadfully inadequate at the front of the auditorium. So much for my influence.

As always, I enjoyed putting a face with a callsign. I finally got to see and shake hands with Bob McDow, W4KOG, Editor of the Old Old Timers Club, Knights of the Kilocycle, camper extraordinairre, photographer and prolific writer. Sometimes I want to call him "The Fugitive" because he seems to send in his reports from a different part of the country every month.

I too was saddened by the passing of Jim Gundry who I eagerly looked forward to meeting in Melbourne. Jim and I shared a common career in the advertising and writing business and had carried on a long letter-writing friendship, sharing horror stories and success stories in our ulcer-producing, endless and impossible deadlines, highly competitive and cutthroat business called advertising. Having never knowingly met each other, we planned to get together in Melbourne. I guess we just missed the deadline by a few days.

The Hamfest was unique in that it had two openings. There was the traditional 9 AM flood of humanity that resembles the human-wave attacts of Korean War notoriety. The unexpected second wave attact came about 10:30. Either a whole bunch of people took showers with their clothes on or else there was the usual hamfest cloudburst. It was the latter but just a bit earlier in the day this year.

As a grande finale to the hamfest, the Chairman, Howard Redding, N4MZ, coordinated with NASA officials to arrange for the launch of a space shuttle on Sunday morning. Howard used to work for Pan-AM and was in charge of whatever there was to be in charge of during the heydays of Pan-Am. Just kidding about the shuttle shot.

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FLORIDA PHONE NETS

Doc Staples (W4SME), Editor

Even though the good doctor is away stuffing his face with lobster in Maine, the Florida Phone Nets lives on. Doc expects to claw his way back to the real world next month and the phone nets will be treated to his lemon-butter flavored tones again. - ger//

From Dave, N4GMU, Asst. Net Manager, FPTN: What is the old saying? When the cat's away the mouse will play. Well that may be true is some circles but due to the dedication and training, the members of the Florida Phone Traffic Net have a net that runs efficiently 365 days a year. Our fearless leader, Doc, is on a well-deserved motoring trip to the northeast. As you read these notes, the Melbourne Hamfest will have come and gone. Doc and Bill won't be there due to prior commitments. This gives a yearly opportunity for all members to have an eyeball and see who is on the other side of the speaker.

As I sit here writing these lines, at least one tourist has made the decision not to come to Florida to spend her time and energy. Hurricane Emily has just now reached the point north of the Sunshine State to safely say she is no longer a threat. We will monitor the frequencies to provide any assistance to our brothers and sisters along the eastern coastlines. Notice I said MONITOR. If you don't have any direct emergency related traffic, please do not interfere with emergency nets unless ASKED!

Many thanks to the non-regular NCS that picked up the vacant days of the net. If you have not had a chance to sit in the captain's chair, why not give it a try? When the "Bib One" hits, you may be the only one available. After all, Public Service such as traffic nets are how we justify our being here.

Most of the summer days have not provided the best conditions but we did manage to have 984 checkins and pass 345 items of formal traffic. Sorry guys and gals, another Golden Cookie goes unclaimed (Given to the 1000th checkin each month).

Just read the section news in QST and saw how many of our net members are getting on the BPL and PSHR lists. Great job troops.

Thanks to the following 100% stations for making the effort to come by each day: WA4EIC, N4GMU, K2GNZ, KD4IVP, WA4JDH, KB4MON, K4JSA, WB4TOV, WA9VND and WB4WYG.

I'm still hearing horror stories of lightning strikes in this area. Please folks play it safe at all times and when in doubt, unplug everything even the coffee pot if it helps.

73/88 to all and drop by every morning at 0655 local on 3940 kHz and start your day off right. Dave, N4GMU.

From Bob, KC4ZHF, Asst. Net Manager, SEFTN: Statistics for the South East Florida Traffic Net for the month of August were as follows: Stations 1190, traffic 326, time 1754 minutes, 31 consecutive sessions.

The 1000th station to check into SEFTN during the month of August was KD4QXF and the NCS was KB4WBY. Congratulations to Charles. Your certificate is in the mail! This was the 71st consecutive month with over 1000 stations checking in.

There were 15 new stations checking into the net. Those that made the honor roll with 100% participation during the month were: KC4GR, KB4WBY, KC4ZHF, KD4ELD, KD4LQG, KD4HKS and KC4ZHN. Those operators will receive certificates of appreciation at our next scheduled picnic/awards ceremony. Time, date and location will be furnished at a later date (probably in December).

Lots of storm activity in South Florida during the month. We lost power as NCS on two different occasions. Fortunately and HT was nearby! Have since installed a battery backup system.

The South East Florida Traffic Net meets daily at 2200Z on the Motorola Amateur Radio Club Repeater, 146.19/79 MHz. All properly licensed stations are always welcome. Join us. Bob, KC4ZHF.

From Nils, WA4NDA, Net Manager, FMTN: Was I at the Jax Hamfest? You Bettcha! And what a grand time we all had. I had eyeball QSO's with more hams than I had never personally met that many before. What a pleasure to meet you and thank you for your warm reception. Also, at Jax there were more informative seminars with fantastic attendance than I can remember before. Great job Jacksonville, you can hold your heads high.

There was one of NC's that was omitted in the Sept. issue that really needs to be recognized and that is Ed, WB4QKI. Ed is one of those, and I'm sure there were others, that did not get any recognition after Hurricane Andrew. He was on the air for so many hours as NC that he lost his voice and it took many days for him to recover. Ed is our Tuesday NC and does his job with great finesse. Keep it up my friend - we appreciate you.

Well, Charlie, NR2F had a nice vacation, returned and gone again. Hope you are really enjoying yourself but want you to know that when you're gone, there's an empty spot in the net. Walter, WA4QXT, it's time to come home!

It's great to have Floyd, N4FL back on a regular basis and doing fine. Carroll, W4MML, up in Tennessee, who was very active on FMTN when living in Florida is still checking in daily.

August has been a tough month to run nets. The propagation is on the critical list and we need someone to fly up there and fix it. Any volunteers? I can't remember when FMTN didn't have every day covered but we lost one last month. It was no one's fault it was that the band was totally dead. Charlie, KC4VK tried but it just wasn't to be 8/9/93. You really tried Charlie but no fault of yours

The net is still in need of Alt. NC's and liaison reps. If you have the time please volunteer. We meet daily on 7247.5 kHz at noon Eastern time with a warm-up at 11:45EDT. Join us.

Net stats for August were: QNI 441, QTC 197, QND 510 with a QNI/QTC of 0.45. We were down but as soon as summer vacations have ended, we will surely rebound. 73/88 Nils, WA4NDA

From Earl, K4FQU, Net Manager, SWFTN: Summer memories are just that now and fall is hard on us - soon to give way to winter. The year is almost over. Where did it go?

Our winter visitors will start to arrive anytime now and the activities should be picking up all over town as well as on our daily net. It will be good to have them back again and settle into our winter routine again. There is more to do in the winter time and more to do it with. We have had a good year overall. Summer was slow as usual, however I believe we had a better summer than in many years past. The net in general is in fine nettle. We have enough Net Control Stations to handle the jobs and Liaison work seems to get done, but it would be nice to have about one more liaison station. Felicia, KB6ECH, has joined the ranks of both NCS and Liaison and also Jeff, KE4BOF has stepped in as NCS. Thanks and congratulations to both of them and of course, welcome to the family.

I will be leaving on a three week vacation by the time any of you get this, so I have appointed Harry Arnold, K9ALX as assistant Net Manager. He will accept all Net reports while I'm away and will resolve any problems as well so look to Harry for your assistance.

A short note about emergencies is in order here. This is still hurricane season and we should all be ready for any emergency. The season is still a couple months to go and anything could happen. The worst storms seem to arrive in September so don't relax your guard. Check your equipment and get in shape if you aren't already there. Don't be caught short.

Everyone have a nice month and I will try to do the same. See you in October. -73s Earl, K4FQU, Net Manager

Deer Florda Skip. Bee bak next month. - 74s, Doc

FLORIDA CW NETS

Ed Roller (K4IA), Editor

QFN Reported by Don, AD4CN: I'm here again QFN, with a new call sign and located in a trailer park within Pensacola. This has created numerous headaches because of the poor signal due to the lack of room for antennas. If everything goes according to plans, look for a strong signal during September.

The net has done quite well during the past two months with the vacations and poor conditions. This can only be attributed to our great group of net members who don't mind picking up the slack. Keep up the great work gang.

QFN is looking for a regular Saturday night RN5 rep who doesn't have to be a big time traffic handler. RN5 meets on 7052 at 0030Z and 3650 at 0230Z until better 80 meter conditions prevail. Pleas advise if you would like to give it a try.

A special thanks is in order for Nick N4SS, Miss Phil KA4FZI, and Dick WA4PFK who have shared the load as NCS on Tuesday until Doc, WA4HDH can return from his illness. We're hoping for a fast recovery Doc. Many thanks to your helpers, it's greatly appreciated.

Gator Net Manager Dan, W4DL Writes: George, K4JI is back home and doing well after having a pacemaker installed. Gerry, KC4EHT is busy doing the flyers, programs and advertising for the Melbourne Hamfest. Charlie, WA4EYU will be at his school's 1941 anniversary the last week in September. Mae, W3CUL and Al, W3VR are happy that Mae's arm and shoulder pain no longer required the pain killers.

Andy, W4IYT the "Grand Poobah of Miami Springs" had a nice write-up in the August 29 "Tropic" section of the Miami Herald. A card from Chris, N4EKC tells us he will be back on the net September 8 or 9. Dan, W4DL just shipped his 20th box of books to a small isolated town's library not in contact with the world.

QFNS Report by NM Laura, WA9VND: Statistics for August were QNI 236, QTC 86 and QND 689. It was a slow traffic month all over but those checking in were loyal fans as usual.

We miss Mr. OB, WC4D who went to the hospital. We hope he fares well and comes back soon. He also had a birthday that we were not able to acknowledge. Mr. Russ, KC4ZHN our newest CW op from Hollywood also has a birthday in September - we hope he has a great day.

Let's get some new calls on QFNS on 3715 kHz daily at 8 PM, and bring some of that traffic we can handle for you between other net schedules.

FMSN Reported by John, KC4FL: No report available.

Notes from K4IA: My thanks to JB, KC4ECA for taking this column while I was away; almost too long, as I nearly missed the announcement of the West Palm Beach ARC High Speed CW Contest in both August and September issues of FLORIDA SKIP.

This contest looks to be an ideal chance for us to check how proficient we are with CW. I like their plan of having 4 age groups and am interested in how the oldest contestants will compare.

Hope to see a good turnout on October 23rd at the Fairgrounds.

-73, Ed, K4IA

FLORIDA TRAFFIC NETS

NET>	FREQ	TIME (ET)
AIN - ARRL Information Net	3940	0730 (SAT)
FAST/E - SFL Amateur SSB Tfc Net (Early)	3940	1800
FAST/L - SFL Amateur SSB Tfc Net (Late)	3940	2230
FMSN - FL Med Speed Tfc Net	3651/7061	1750
FMTN - FL Midday Tfc Net	7247.5	1145
FPON - FL Public Opns Net	3908	1630
FPTN - FL Phone Tfc Net	3940	0700
GN - Gator Net	3651/7061	0830
NFEN - NFL Emer Net (Mon-Sat)	3950	0900
NFPN - NFL Phone Net	3950	1830/1930
QFN/E - All FL CW Tfc Net	3651/7061	1900
QFN/L - All FL CW Tfc Net	3651	2200
QFNS - All FL Slow CW Tfc Net	3715	2000
SFAN - SFL ARES Net	3940	0800 (Sat)
TPTN - Tropical Phone Tfc Net	3940/7243	1700

Southern Florida Emergency Coordinators and ARES members should monitor 3940 or 7247 kHz in addition to their local net in the event of an emergency. The emergency operations schedule for Florida section nets will be followed if their is a section-wide emergency.

Refer to the ARRL Net Directory for a more detailed listing of local and special interest nets.

TOP TWENTY TRAFFICERS AUGUST

-by WA4PFK and WX4J

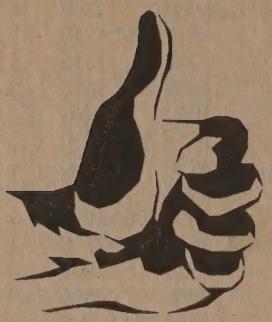
	STATION	TOTAL		STATION	TOTAL
1	W3CUL	3126	11	W4DL	245
2	W3VR	1005	12	K4EUK	245
3	WX4H	903	13	KC4ZHF	184
4	N4SS	815	14	KD4QXF	180
5	WA9VND	608	15	KD4ELI	177
6	NR2F	456	16	KB4ECH	164
7	KB4WBY	405	17	K4FQU	154
8	WA4EIC	309	18	KD4GR	154
9	K4SCL	269	19	K4ZK	150
10	WA4PFK	252	20	N4JAQ	143

TRAFFIC HOUNDS AUGUST, 1993

-By Bill Jochimsen, K4ZK STM, S. FL

NET	QNI	AVG	QTC	SESS	AVG	MGR	QTC/QNI
SEFTN	1190	38.4	326	10.5	31	KD4GR	0.27
GN	175	5.6	217	7.0	31	W4DL	1.24
FMTN	441	14.2	197	6.4	31	WA4NDA	0.45
TPTN	367	11.8	181	5.8	31	WX4J	0.49
FAST	310	10.0	130	4.2	31	WD4KBW	0.42
SVTN	772	25.7	116	3.9	30	KD4OBN	0.15
SWFTN	354	13.1	101	3.7	27	K4FQU	0.29
NFAN	861	33.1	91	3.5	26	NR2F	0.11
NFPN	959	30.9	86	2.8	31	N4WMS	0.09
QFNS	236	7.6	86	2.8	31	WA9VND	0.36
FPON	179	5.8	82	2.6	31	WB4GCK	0.46
FMSN	215	6.9	66	2.1	31	KC4ECA	0.31
PBTN	848	31.4	49	1.8	27	N4ZDD	0.06
SPARC	652	21.0	33	1.1	31	WD4KBW	0.00
GARSN	246	11.2	31	1.4	22	WD4NFG	0.13
DEN	257	64.3	18	4.5	4	K4RBR	0.07
AIN	43	10.8	14	3.5	4	WA4PFK	0.33
SFAN	94	13.4	9	1.3	7	KD4GR	0.10
ENMC	84	14.0	0	0.0	6	WB9SHT	0
			TOTAL 1833				TOTAL 0.28

FCC Preempts "Scanner Laws" for Hams



The Federal Communications Commission has ruled that states and municipalities may not enact ordinances forbidding amateur radio equipment simply because it receives frequencies normally reserved for police use.

The ruling was in response to an ARRL *Motion for a Declaratory ruling Concerning the Possession of Radio Receivers Capable of Reception of Police or Other Public Safety Communications>N> filed on November 14, 1989. On March 15, 1990, the FCC issued a* Public Notic that asked for additional comment on the matter.

The League made two arguments in support of preemption. First is said that the receiver sections of the majority of commercially available amateur station transceivers have the capability to be tuned slightly past the edges of the amateur service bands "...to insure proper operation of the transceiver throughout the entire amateur band in question."

The second point that the ARRL made was the broader issue of whether state and local authorities should be permitted, via scanner laws, to prohibit the capability of radio reception by ham operators on public safety and special emergency frequencies that are located well outside the amateur service bands.

The League maintains that amateur operators have special needs for broadscale "out-of-band" reception, and that the marketplace has long recognized these needs by offering accommodating transceivers.

The FCC concluded that certain state and local laws conflict with the Commission's regulatory scheme designed to promote a strong amateur radio service and limitations on amateurs operating rights runs counter to the express policies of both Congress and the Commission to encourage and support amateur service operations, including mobile operations, and impermissively encroaches on federal authority over amateur operators.

The FCC's ruling follows a five year effort by the ARRL to obtain a definitive ruling after several highly publicized cases where Amateur Radio operators were subject to arrest and seizure of mobile amateur radio equipment by local authorities for violation of so-called "scanner laws."

-excerpted and edited from W5YI, September

WHERE DEM FLEAS?

There are a couple of fleas flipping around. If you dig fleas, read this.

Southeast ARA "Fun Fair" free flea Saturday, October 16th (rain - Oct 23) at Old Fl Plaza; 4545 N. Pine Island Fd; Sunrise.

The famous W4MAQ Cy Harris Memorial Free Flea on Saturday October 9th (rain - Oct 16) at east parking lot of Motorola Corp; 1st stoplight east of University Drive on Sunrise Blvd.

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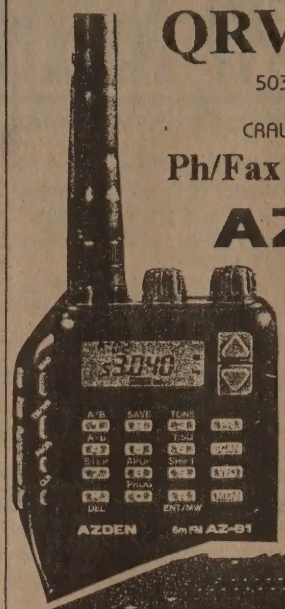

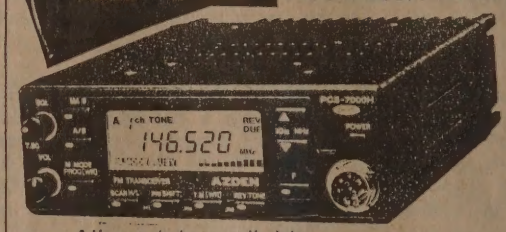

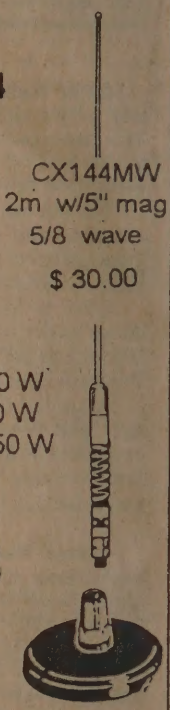

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NO LOVELESS LOST

According to W5YI Report, September, country singer Patty Loveless has now become a ham operator with the help of her husband, Emory Gordy, Jr., W4WRO. At least so says a magazine article in the September issue of *Country Music City News.* We tried to confirm her call sign with the FCC in Gettysburg, PA but none has been issued to a Patty Loveless - nor to a woman with the last name of Gordy in Dallas, Georgia. We even tried phoning Emory/W4WRO and found he has an unlisted telephone.

The magazine article said Loveless communicated with her husband for several weeks by Morse code during her vocal cord surgery recuperation.

Ed. Note - ***See there! That's just another example of why we should keep the Morse code requirement! Wonder if ya play her records backwards, ya might hear a message in Morse code? //ger***

SILENT KEYS

We regret to report the passing of the following Florida Amateur Radio Operators. Please notify FLORIDA SKIP of any silent keys in your area.

WA4RLB - Henry Briese, Seminole
WA4VWX - Herb Waldmann, 77, Miami
W4JM - James Gundry, Lakeland
N4QYS - Bernard E. "Larry" Donnelly, Gainesville
KA1CO - Frederick Odems, Tampa
W2BDF - Kenneth E. Nicholis, Pompano Beach
W2KDN - James M. Langdon, Penney Farms
W2FNB - Morris J. Becker, Lauderhill
WB4CKY - Tom Middleton, Miami
K4FEI - Raymond W. Andrews, Lakeland
K4KDE - Morse W. Engelman, Hallandale
KC4KQZ - Arthur M. Harned, Pinellas Park
AA4OM - Eugene L Beisser, Engelwood
WB4RSC - Floyd J. Frisby, Lakeland
K4RVM - E. B. Roberts, Venice
WB4SRA - Ira E. Shear, Naranja

1993 Lake County
HAMFEST & ELECTRONICS EXPO

November 6, 1993

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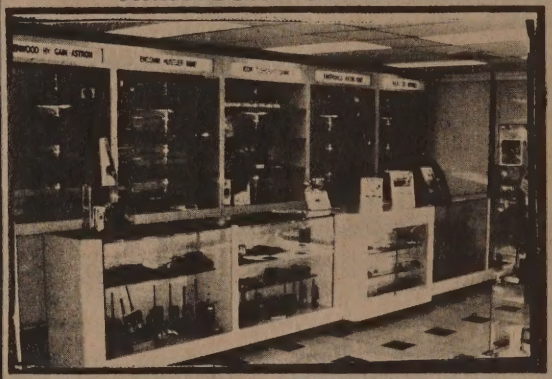

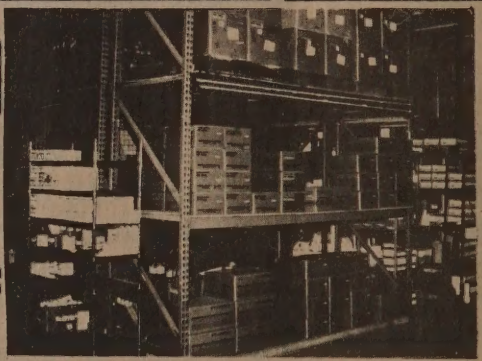

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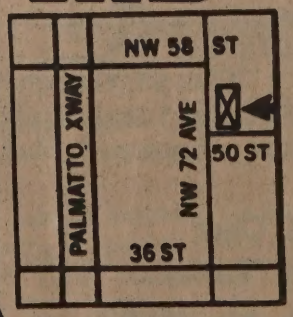

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Florida State QCWA News

Eli Nannis (K4JMH), Editor

Our Florida QCWA chapters are mostly meeting at unofficial meetings until the fall. I would still like to receive some reports of these meetings, what your members are doing in this hot weather. The QCWA national convention will be coming up before you know it. The convention committee advises that reservations are coming in quite well. The reservation forms are in the QCWA Journal. The Holiday Inn is new and they are going all out for us. The QCWA Board of Directors will be holding their meeting and the agenda is quite extensive. We appreciate it that FLORIDA SKIP gives us this space every month, so let's use it.

Suwannee Chapter. At our August meeting, the Marion County Mobile emergency Communications Center van, two sheriff's deputies gave a report on the van, its operation and its assistance in Hurricane Andrew. The van's emergency communications exceeded that available in Dade County. Volunteer hams do the required radio operating. We were briefed on the amateur Armwatch program that provides law enforcement with 2-meter assistance in spotting possible crimes and accident emergency situations. George Sperry, W4UKA will be presented with a 70-year certificate at the national convention. We voted to change our meeting day back to Saturday. We voted some changes to our constitution and a nominating committee was picked for next year's slate of officers.

-Reported by Bob Saulpaugh, AG3S

Palm Beach Chapter 111. Had a nice turnout of twenty members and guests at the meeting in August. It was good to see some of the old faces back in the pack again; Tom Phelan, W2LTR, Dave Dalziel, N4ICE (the iceman) and Ex Prez Tony Sariti, W4PTO were all there looking good.

After a short meeting led by Pres. Bob McDow, W4KOG, we heard a stirring eulogy for Norm Weible, W4HE, given by Past Pres. Hank Gorman, W4RQK which outline many of Norm's accomplishments during his life and some anecdotes of his experiences in radio and with his career with the telephone company.

It was reported that Frank Mayernik, W2AGM was at home recovering from a stomach operation. Frank's address is: 1601 Windcliff Dr., West Palm Beach, FL 33414. Ph: 793-4404.

Next meeting will be at the NPBCC on Sept. 28. V. Pres. Forrest Haynes, K4YPO will convene since I'll be attending a reunion in Callaway Gardens, GA at that time. See you all again in October.

-73, Bob McDow, W4KOG

Southeast Chapter. There were 17 members and guests at our August 21st meeting. Marion Rouch submitted her usual good financial report. It was reported that Al Wilcox, W4ELR suffered another attack and admitted to a convalescent home.

Help was requested to help in obtaining public speakers for our meetings. We discussed the feasibility of starting a new 2 meter net for our chapter. The 50/50 drawing was won by Andy Clark, W4IYT and Cliff Seale, K4HQA.

-Reported by Herb Bernard, W4JXA

Pelican Chapter #128. The Pelicans have been meeting informally all summer, however our first official meeting was held on September 15th at the same old place.

We meet each 1st Wednesday of the month at the Family Place Restaurant at 0800 for breakfast and on the third Wednesday of the month at 1115 for lunch. This meeting is held at the Homestyle Family Buffet.

Our Pelican members and ladies have been busy all summer working on the QCWA National Convention which is to be held on 29 & 30 October at the St. Petersburg-Clearwater Airport, Holiday Inn. The registrations for the convention have been very good and we are expecting a great turn out for this affair. The prizes continue to roll in and it looks like most QCWA members and guests who attend will leave with a prize of some sort.

All mark your calendars for 17 November at which time the Pelicans will have their annual catered fried-chicken picnic. The food for this affair has always been great; fried chicken, escalloped potatoes, fresh garden salad, corn on the cob, rolls and butter, drink, dessert, and greatest of all -Prizes. You get all this for a low, low price of only $7.50. For more details contact K9BSL.

-Reported by J.F. Strom, K9BSL

DON'T FORGET!

The West Palm Beach ARC will sponsor their first of an annual high-speed CW Contest. The contest begins at 1 PM, October 23, 1993, as part of the Palm Beach Repeater Association Hamfest held in the Palm Beach County Fairgrounds, on October 23rd and 24th. The contest is free to all paid Hamfest attendees - licensed on unlicensed.

WANTED - Interesting news items about amateur radio in your area. Got an interesting "how-to" article? Write it up and send it in. Take some pictures of your club activities and submit them to us. **FLORIDA SKIP; 1280 Sarno Rd.; Suite 224; Melbourne, FL 32935**

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OLD OLD TIMERS CLUB NEWS

I'm sorry to have to report the passing of one of our most active and highly regarded members; Jim Gundry, W4JM became a silent key on August 29th after an extended illness. Jim had received his first license in 1930. He had been a very active member of the QCWA for over 35 years and a member of the OOTC for the past several years. Jim had always been active on the local nets and was instrumental in getting them established to their presently flourishing state. Jim had retired from GM as an advertising executive and moved to Lakeland in 1979. He is survived by his wife Marty.

Our Director Bob Bookwalter, W4NWF is trying to set up a luncheon for the OOTC members attending the QCWA National Convention in St. Petersburg on Oct. 30. If you are planning on going to the QCWA get together and would like to join us, drop Bob a note or let him know on one of the nets so he can have the arrangements made. I'm looking forward to seeing you all there.

We've been having a little trouble with QRM on our Wed. morning net due to the change in propagation. The net will still meet at 10:00AM local time on 7274 kc. but will QSY up or down about 5 kc. to clear QRM. Look around a little.

-73, Bob McDow, W4KOG

KNIGHTS OF THE KILOCYCLE

3910 Kc. Sunday Morn. 1230Z - 0730EST

I'll be going to the Melbourne Hamfest this year with mixed emotion. Melbourne always has one of the better hamfests in the state as far as I'm concerned and I've always looked forward to attending. It sort of opens the season each year and gives you the chance to get out and see all the guys after the summer, and to renew old acquaintances on an eyeball to eyeball basis. This year will be different though. My old friend Jim Gundry, W4JM won't have his usual table in Melbourne this year. I won't be able to stop and spend the usual half hour or so swapping small talk that typically doesn't go over the air. Jim became a Silent Key on Aug. 20th after and extended illness. I'll still enjoy the Melbourne Hamfest and get around to see all the guys but it won't quite be the same.

When this is delivered, I'll be up in Tennessee or Georgia visiting with the guys in the old Army Air Corps outfit. Actually we're having two reunions in the last two weekends of September. First is a get together of the people stationed at the Tulln Airbase near Vienna, Austria, then a reunion of all the people who served in the Army Airways Communication System. This is my first reunion so I haven't seen any of these guys in almost fifty years. So, even though I talk to a lot of them on the AACS nets every week, it'll be fun to see them in person. Hi, hi.

Marion, KC4MFT reports that she got a couple of potatoes out of her tomato/potato plants but she didn't sound too enthusiastic and I don't think she is going to try for a repeat. I think she'll stick with the straight tomatos this year. I picked up four nice plants over in Okeechobee last week. I'm going to put them in pails then bury the pail this year. I'll let you know how the tomatos turn out. -73 & 88, Bob, W4KOG

Florida BBS Statistics - August 1993

-by Kay Anderson, W8DUV, Packet Manager SFL

North Florida

-Dave Sutherland, N4GMU

CALL	NTS	PERS	BUL	TOT
AA4RU	21	764	3634	4419
K4GBB	N/R			
K4OZS	N/R			
KA4GDV	12	293	2737	3042
KB4T	N/R			
KM4DY	90		25	115
N4DWY	N/R			
N4GMU	42	521	381	944
N4JTS	3	124	263	390
WX4J	266	291	45	602

Total NTS traffic for NFL: 434

SYSOPS not reporting are requested to send reports to:

N4GMU @ N4GMU.#NFL.FL.USA.NA (North and South Florida)

South Florida

-Kay Anderson, W8DUV

CALL	NTS	PERS	BUL	TOTAL
K4TKU	2	571	280	853
KI4ZJ	7	365	2678	3050
KP4EDL	8	617	2995	3620
N4ZIQ	36	1182	2676	3894
W4MWP	19	679	3700	4398
AA4RU	21	764	3634	4419
WB2WPA	27	1129	3362	4518
WA2LKI	28	803	3808	4639
KB4GBS	6	1151	4145	5302
WD8IBY	28	856	4438	5322
WD4NKZ	39	1255	4347	5641
W8DUV	40	3054	4411	7505
W4DPH	191	5378	5041	10610

452 NTS TOTAL

Dear Sysops:

This will be my last STATS report. Al/K4CY, now a silent key, started this report as a means to document the activity of packet stations in FL. Al gathered reports from the whole state, kept good records and when a SYSOP had handled NTS traffic for more than a year, he presented them with a certificate. I tried to carry on in the same manner, but unfortunately my feet don't fit his big shoes. It is not working. I have too many other projects. Several Sysops who used to report, have stopped. Some cite the lack of a log file analyzer. Others would rather not have their activity made public.

I have asked Dick, WA4PFK to find a replacement for me. Until one is announced, please send your STATS to N4GMU in North FL section. (Personally, I feel Dave could handle the whole thing. After all, we all work together passing this traffic so why separate it into TWO reports?)

Thanks to all the faithful who remember to report on the first of the month.

73, Kay/W8DUV

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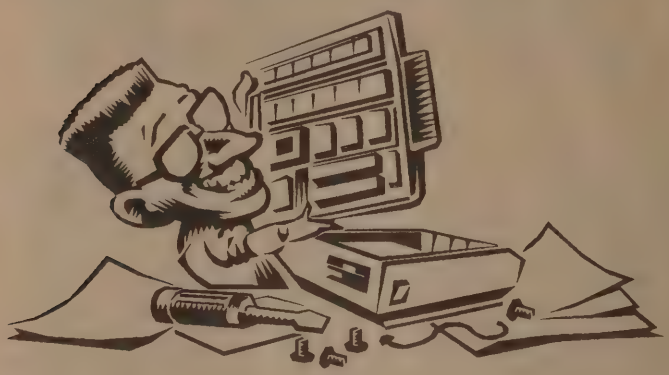
Computer Talk

Starting next month, the FLORIDA SKIP will begin a column oriented toward computers and amateur radio. The Editor will be Steve Iezzi, KD4GKE. Steve has a BS in Electrical Engineering from Drexel University in Pennsylvania and is employed by Aeronix, Inc., a systems electrical engineering company in Melbourne. He is very knowledgeable in computer hardware and software design and will provide a valuable new resource for the magazine.



Steve is looking forward to interacting with SKIP readers to answer questions and address some of the strange problems that many of us hackers occasionally encounter.

With the computer becoming as much of a fixture in a ham shack as the microwave is in a kitchen, I'm sure his column will be a welcome addition to the FLORIDA SKIP.

Computer Bits

The Smallest Mother

The world's smallest PC-compatible motherboard is now available from Epson. Produced by SMOS Systems, the 386 motherboard includes VGA graphics, ROM and RAM on board - all on a space the size of a credit card! All external devices, such as power supply, keyboard, monitor and disk drives, are added through several small sockets.

-W5YI, September 15

CD-ROM Demands Skyrocket

CD-ROM equipment has become so popular that manufacturers can't keep up with the demand. Experts expect the market to nearly double this year. Apple Computer, Inc., will begin installing CD-ROM drives into all their Macintosh computers later this year. Over six million CD-ROM drives are in use.

CD-ROM is popular because it holds tremendous amounts of data and can retrieve it quickly. Although it is strictly read-only memory (which means it can't record anything), dozens of companies use it to store thousands of pictures and songs, volumes of encyclopedias, atlases, and of course even Amateur Radio callsigns. Video game manufacturers such as Sega and Nintendo are already using this technology for their home systems.

-W5YI, September 15

THE READERS WRITE

Comments with Teeth in them

From Lloyd Pfahler, W8FKL - Venice

...to all you guys at the SKIP, keep the good "rag" going. I look forward to this better than the QST or the Wall Street Journal.

Just turning 80 - 80 summers and 110 winters! A little halt of step, long of tooth, but quite sharp of tongue. A few 88's left yet!

Dear Lloyd - You sure put FLORIDA SKIP up there with the big guns! You gave me enough fuel to run 80 more summers myself. //ger

Jokes-R-Wild

From Nils Millergren, WA4NDA

I really enjoy your jokes in the Ads department. Here are a few more for you.

Nils - Following your advice, I called* 1-800-773-JOKZ *and you are right - it's a free joke! Anybody else out there have any jokes to contribute, send them in. Saves me having to look in the mirror. That's just an old joke! //ger

FMSN, QFNS FPTN, PLO, CIA, NOW - What?

From Fred Sarg, N4WLM - Vero

Would it be possible to include in the information given in the Traffic Hounds Report, the frequency and time each net operates. The times and frequencies change and when a person is away - having this information available through the magazine would be a great help. Also for those just beginning, spelling out the abbreviations of the nets would help.

I know everyone says, "just tune in a listen," but if you don't know what your listening to... Well, I guess you get the drift.

Dear Fred - You know, I always wondered what all those letters meant too! They actually mean something so I made up a table and printed it in this issue. I did my best with the info I had available. If there are any corrections, I imagine the net heavies will let me know. //ger

---

DEFICIT REDUCTION BRINGS SPECTRUM AUCTIONS

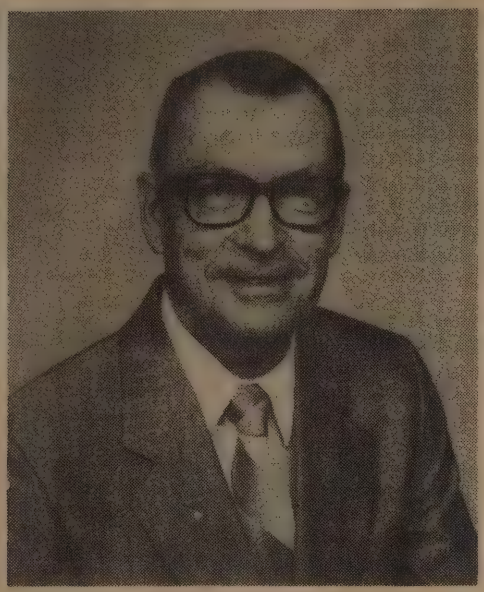
Ed. Note. This brief item appeared in last month's FLORIDA SKIP but since then we have received additional information.

While it has not been too widely publicized, the Clinton Deficit Reduction Plan recently approved by Congress provides for spectrum auctions. The Government says it will receive more that $10 billion over the next five years when it sells radio spectrum to the highest bidder to implement new communications services.

- W5YI, August 15, 1993

Update

According to WESTLINK, September issue, the ARRL convinced the congressional committee to forbid the FCC "... from arbitrarily selling off the ham bands to the highest bidder without giving the service the right of legal challenge."



RE-ELECT

FRANK M. BUTLER, JR. (W4RH)

Your ARRL

S.E. DIVISION DIRECTOR

Born in Anniston, Alabama, he has been a resident of Fort Walton Beach, FL since 1951. He received a BSEE Degree from the University of Alabama and did graduate work in R&D Management at Florida State University. Frank was employed as an Electronic Engineer at Eglin AF Base and retired after 37 years.

QUALIFICATIONS

Originally licensed in 1950 as W4RKH; League member continuously since then; now Life Member; Extra Class license
ARRL elected official since 1957 (36 years)
SCM, Western Florida & Northern Florida, 1957-1980
SE Division Vice-Director, 1979-1980
SE Division Director, 1980-Present
Life Member QCWA & IEEE
Member Air Force MARS, AFCEA, local radio clubs
Fellow, Radio Club of America
Member IARU Region II Executive Committee representing United States
Representative of IARU at international meetings of ITU technical groups

GOALS

Attend as many hamfest/club meetings as possible and conduct forums on ARRL affairs,
Assist members with problems - by telephone, mail or in person,
Increase the percentage of amateurs who are League members,
Increase ARRL presence and influence in Washington. (Our influence now is the greatest it has been in many years).

RE-ELECT

EVELYN D. GAUZENS (W4WYR)

Your ARRL

S.E. DIVISION VICE-DIRECTOR

Members, I am seeking your vote of confidence to continue as Vice-Director. I have always been accessible to the membership for their ideas, input, and suggestions in order to provide quality representation. Your best interests have been my uppermost priority for twelve years.

As a member of the ARRL Board I have served on the Membership Services Committee, Volunteer Resources Committee, Board Liasion to the Public Relations Advisory Committee and the new Public Relations Committee, assisted with publication of the Convention/Hamfest Booklet; am currently serving on the Ad Hoc Committee for ARRL National Conventions. The knowledge and experience gained from these assignments have enhanced my comprehension of the needs of the membership and ARRL's responsibility to amateur radio.

I received my license in 1951 and am a Life Member of ARRL, QCWA and QCWW. I have worked with Region II of IARU, was an Assistant Director for 16 years, Asst. SEC S.FL., PIC S.FL., Dade County TVI Chairman for 21 years, past manager of traffic nets, directed numerous emergency communications networks and have held all offices in two radio clubs. The opportunities provided by these varied activities have been extremely beneficial in understanding the accomplishments of the amateur radio service and given me background to assist with directing its future course at international, national and local levels.

I actively participate in all phases of amateur radio, am on the air daily and on the ARRL Information Net weekly to be available for immediate assistance to hams everywhere. I am an officer in Dade Radio Club of Miami, the amateur radio media contact for Dade County, volunteered for a 34th year as Chairman of Tropical Hamboree and hope to continue serving members of the ARRL Southeastern Division.

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The Panhandle at a Glance

-by "Matt" Matthew, KC4RKJ

The ARRL National Hamfest at Huntsville, Alabama was truly a great experience for those who were able to attend. I would guess that the Dayton Hamfest would be the only show that would outdo the national show.

We arrived in Huntsville the afternoon of the day before the show was to start. Even after a 7-hour drive from our home in the Panhandle, you knew that something special was about to occur. Parking lots at the hotels and at the Von Braun Civic Center were full of cars with all kinds of antennas. Some vehicles had four or five antennas on them. Some were big ones, and some were small; but there was no doubt in anyone's mind that an army of Hams had arrived.

After checking into our hotel, we headed off to find the Civic Center. We checked with the Talk-in concerning the presale of admission tickets and got instructions on how to get there. The Civic Center is situated in a well laid out park-like area. Parking looked like it would be a problem. Parking at the main entrance was blocked off for those vehicles that had disabled stickers on them. Across the street a large parking garage provided parking for a lot of cars. Next to the garage was a park with all kinds of ducks and ducklings. One female duck had twelve ducklings.

At the Hilton, which was the host hotel, a room had been set aside as a reception area and it had snacks, drinkables and lot of talk and tickets on sale. After purchasing our tickets, one gentleman who was on the Hamfest staff came over and welcomed us to the Huntsville Convention. While we talked he suggested that we arrive at the garage early the next day to insure getting a parking space for our car in the shade on the lower level to keep it cool in the heat of the day. There were other parking facilities but they required a short walk and little or no protection from the sun.

As always when you go to a new city, you have to get the lay of the land. The main road in that section of the area has a freeway-like highway and turnoffs on to one-way streets that parallel the faster highway. The trick is to find the right exit. Once you find the exit you can go a short distance to make a left turn underpass in order to gain access to the stores, eating places etc. on the other side of the highway. It's a good idea once you find out what exit permits you to go where you want to go.

The next day we arrived early and got to park on the lower level. Being early we ended up talking to the gentleman who took tickets to the garage. Many large ducks were enjoying a large puddle near the entrance and others were in or on the banks of the lake. Some people had brought some bread and they were feeding them from the bridge which crossed the pond. It proved to be great entertainment while waiting for the doors to open across the street.

Even the ducks enjoyed the ARRL National Hamfest at Huntsville. Photo by Matt Matthew, KC4RKJ

At the Hamfest the myriad of forums was staggering. On the program I counted 42 meetings on Saturday and 13 on Sunday. The FCC, ARRL, ARES and MARS had numerous meetings. Packet forums flourished while others learned more about the Hubble Telescope. You had other meetings to go to including the Alabama Repeater Council, ALANET/ GRAPES, DXCC Forum and sessions on Transmission Lines, Antenna Behavior and DSP for the Radio Amateur.

This list does not include the ongoing Bingo games and QRM Club groups provided for the ladies who were attending with hams but weren't hams themselves. Actually a lot of ladies who had ham licenses were in attendance.

The really sad thing about all this available information was that no person could attend all the interesting forums.

The Huntsville Hamfest committee said that they would have over 100,000 square feet of exhibit space and they did. The dealer show was large and well attended by dealers and buyers. It was crowded on Sunday afternoon and that is unusual. The Flea Market had a much larger facility and it was full. How does a mere mortal take it all in? All of this was air-conditioned and it was needed because of the heat of summer outside and the crowd inside.

It was a great experience to go to the ARRL National Convention and I would recommend it to all. Next year it will be in Texas and we would like to go but it is a long, long ride.

Thanks to the Huntsville Hamfest Committee for a wonderful Hamfest. It was worth far more that the $5.00 ticket and the parking fee. I only wish it had been longer so I could go to all the things I missed.

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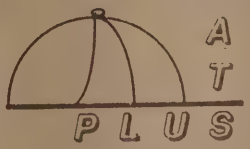

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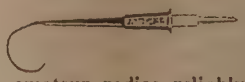

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Panoramic view of the Melbourne Hamfest from the stage in the auditorium. Photo by Fred McKenzie, K4DII

Palm Beach Repeater Association, Inc.

Presents the Seventh Annual

PALM BEACH COUNTY HAMFEST

Amateur Radio & Computer Show October 23 & 24, 1993

Early Reservation Information

Expo Center
South Florida Fair Grounds
Southern Blvd (State Rd 80)
West Palm Beach, Florida

Saturday October 23, 1993
9:00 AM - 5:00 PM

Sunday October 24, 1993
9:00 AM - 3:00 PM

- o Air Conditioned
- o Indoor Flea Market
- o Exhibits
- o FCC Exams Saturday & Sunday
- o Door Prizes
- o Ample parking spaces
- o RV full-hookup sites
- o On-Site Security
- o Quality Food Catering

Admission
Admission tickets are $4.00 in advance and $5.00 at the door. Tickets are valid both days.

Flea Market
Flea market tables are available on a first come basis. Overflow will be located in adjacent building. Flea market tables are $15.00 in advance and $17.00 at the door, if available. Tables are valid both days. If adjacent tables are desired, registration forms must be mailed together. Electric is available at $2.00 for both days. Admission tickets must be purchased with flea market tables. Friday setup for flea market is from 2:00 PM to 8:00 PM. For more information call Vi Kiekenapp, KC4LCF - (407) 585-9074.

FCC Exams
Novice thru Extra exams are scheduled for Saturday and Sunday. Exams will start promptly at 9:00 AM. Exams will be held on site.

Vendor Area
For Vendor information please contact Hal Gainen, N4UIT at (407) 439-0805.

Talk-In Frequency
Talk-In Frequency will be the 147.165/147.765 repeater with 146.520 simplex used for close in work. Talk-In will be active one hour before Hamfest hours and one hour before Setup hours.

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$42.00 (1-4 persons/room)	$29.00 (1-4 persons/room)

Reservations must be made directly with Hotel and you must mention the HAMFEST to get this special rate. Reservation deadline is October 8th, 1993.

Full-Hookup RV Sites
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Palm Beach County HAMFEST 1993
Reservation Deadline October 8th, 1993

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FLORIDA ARMY MARS NEWS

-by Lorraine S. Matthew/ N4ZCF/AAM3PR

Last month's column featured a description of the operations at a phone patch station, specifically AAR4CSS. Space limitations prevented me from giving credit to the people behind the scenes who so generously support this station.

Jim Yandle/W4HTK was kind enough to supply this information in full. He writes:

"During the early days of Desert Shield while AAR4CSS was being assembled in Ocala, FL, patriotism was running high throughout the land. When Desert Shield developed into Desert Storm, American forces in the Kingdom of Saudi Arabia and sailors at se a were on the minds of those of us at home.

"Army MARS station AAR4CSS was built by members of the Silver Springs Amateur Radio Club to bolster the morale of American forces overseas through phone patches to their families and loved ones at home.

"Although the national economic situation was nothing to talk about, raising money for operating expenses was no problem after the station was constructed.

"Then the 100-hour war ended and soon the troops were coming home. The public was told there was peace again in the Middle East and the troops and AAR4CSS were apparently forgotten.

"After running thousands of phone patches from the desert and Kuwait, AAR4CSS almost signed off and closed down after Desert Storm."

The troops and AAR4CSS were not forgotten by the Veterans of Foreign Wars McCullough-Mixson Post 4209 and its Ladies' Auxiliary in Ocala. VFW Post 4209 and its ladies were there and were determined to see that the station remained on the air.

American troops are now in Somalia, Croatia, Macedonia, and many other places with missions different from anything that has been done before. Army MARS and AAR4CSS are and will continue to be with them.

"Phone patches have originated from Saudi Arabia, Kuwait, aircraft going to and from the desert, Germany, Egypt, Western Sahara, Somalia and a place called Croatia. Now Americans are in Macedonia. No patches have been run, at this writing, from tha t section of what was Yugoslavia. Johnny Williams/K4ANJ, the Army MARS Committee chairman, said that the troops there are having a difficult time putting a station on the air."

When that Macedonian station goes on the air, AAR4CSS will be ready. "If American men and women in uniform on duty in Macedonia want to call home, that big rhombic antenna of AAR4CSS, backed by those big hearts at VFW Post 4209, will carry the traff ic."

In terms of dollars, the post contributes between $250 and $300 per month to the AAR4CSS operation. In terms of further generosity, we must acknowledge "the patriotism and love of American service personnel by communications giants Sprint and MCI. Those two companies absorbed the costs of more than 25,000 phone patches; service personnel and their families never paid a cent for the service. Things like that are what make America great."

A message addressed to All MARS Members was put on the MARS packet boards by an Air Force MARS member, Bix/AFA2EA VA. Like Bix, I read it as a salute to MARS members everywhere. It was titled "Why Do We Do This?" and reads:

"Had an interesting experience recently. Driving south on I-95 near Fayetteville, NC, I heard a horn beep. In the left lane, right next to my van, was a small sedan driven by a very attractive young lady. She smiled one of the brightest smiles I'v e ever seen and held up a hand-written sign which said 'THANK YOU MARS'

"She'd obviously seen the MARS decal on the van and wanted to thank at least some MARS member somewhere for something. I don't know what we did to help her. I don't even know if it was Army, Navy, or Air Force MARS.

"I do know that when I begin to get frustrated with the program or the equipment or whatever, and start to wonder why I'm doing this, I'll remember the lady with the sign in Fayetteville.

"A piece of that sign belongs to MARS members everywhere. Please pass it along. Regards and 'THANK YOU MARS'"

To MARS members everywhere, Why Do We Do This? Each member in his or her own way has an answer. It is a tribute to us all that the young lady was served well by MARS. When the going gets a little ragged, let's remember her and her sign to us all.

View of the crowd in the Dealer Showroom at the ARRL National Hamfest in Huntsville, Alabama. Photo by Matt Matthew, KC4RKJ

HARRY'S AUDIO LINK

-by John Weatherley, AB4ET

I've never met Harry although I have known him for about 25 years, talk to him several times a week and consider him an old friend. Its one of those situations unique to amateur radio.

Harry Childs is in his mid-seventies. He lives in a small cottage on the Isle of Wight, a tourist island off the south coast of England. His callsign is G3IOW. Harry is very active. He runs a daily international net on 15 meters and also participates as a net controller on the local Amateur Radio Emergency Net. This may not seem unusual except that Harry is deaf! One ear has never functioned and the other gave up a few years ago. Fortunately it was found that although the ears quit working the nerve to the brain still functioned.

Harry got himself a small moving coil earphone with its diaphragm attached to a small transducer which is held in contact with the bone behind his ear by a spring steel headband. This transducer is connected to an amplifier in his shirt pocket which has a microphone, a ferrite cored inductive detector and a switch. He can select either the microphone, the inductive detector or both in parallel.

When he first used the device with the microphone alone it worked reasonably well but pickup from the rig loudspeaker needed improvement. He had some local hams climb into his attic and wind several turns of wire around the attic area with a shielded pair down into his shack. He simply connected the wires to the loudspeaker terminals of his transceiver and he was in business. He could walk anywhere in the house and monitor his HF rig, an FT101. Since he also has VHF equipment the next step was to get a six-input audio mixer which he now feeds into a 10 watt audio amplifier which drives the attic loop. This allows all of his receivers to be permanently connected to the system and for them to be run at much lower gain.

Harry's loop has about six turns of wire in close proximity and with this he can hear his radios from anywhere in the house and from many areas of his yard.

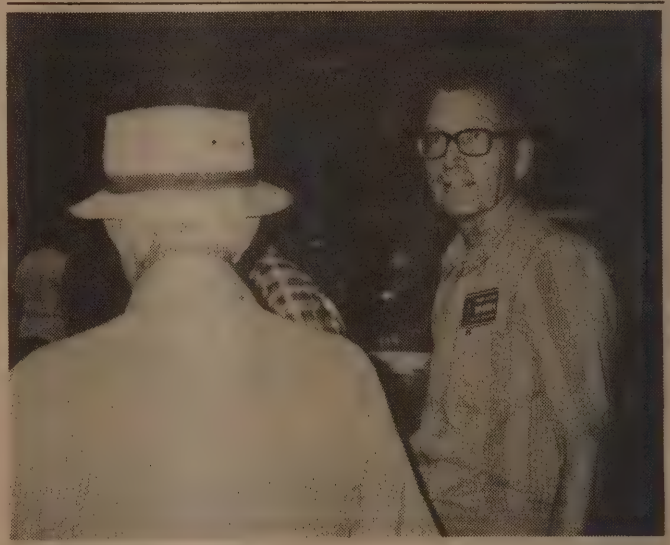
A few years ago Harry had to go to hospital for a while and was faced with the boredom of the hospital radio channel. (He does not watch TV). Also the amount of reading material which he could use was very limited as will become obvious later. Harry got the idea to make a portable inductive loop device. This was nothing more than a lot of turns on a six inch iron bolt. He ran a shielded wire to the speaker terminals of a radio and it worked reasonably well considering the haste with which it was built.

He got permission to have his Yaesu FT221 2 meter rig and a broadcast radio at his bedside and with temporary antennas was able to keep in touch with the outside world including running the emergency net for which he is a deputy controller. No one else in the hospital could hear what he did not want them to hear and could get away with operating late into the night if he wanted to. He says it kept him sane for the two weeks he was at the hospital.

Harry came up with the inductive loop idea and wired up his ham shack to accommodate the changes he made. He also built his own HF linear amplifier, fixes wiring problems in his shack and bakes his own bread, pies and cakes each week. He lives alone except for a cleaning lady who comes in a couple of days a week. This may not be totally unique, except that in addition to his hearing problem Harry has been BLIND since birth.

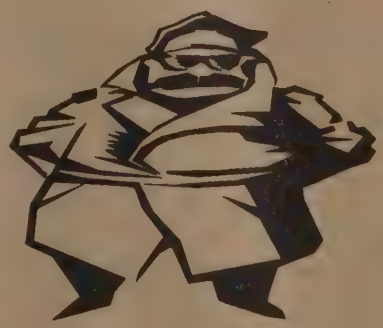
You can hear Harry on the Ex-G net every day on 21.410 from about 7am-8.30am Florida time.

AB4ET



'NICE HAT,' says Frank Butler, W4RH, SE Division Director to Howard Redding, N4MZ, Melbourne Hamfest Chairman.. Florida Skip Photo.

"RAINCOAT CHARLIE" EXPOSED!



William P. Irwin, K8CQR, of Debary, Florida, has been fined $2000 by FCC's Vero Beach, FL field office. Its engineers located and identified Irwin at his residence on July 22, 1993, as being the station previously identified only on 20 meters as "Raincoat Charlie."

The FCC said, "Mr. Irwin's sole purpose for being on the air appeared to many to be to harass and ridicule other amateurs in a particularly vulgar way." Irwin had vowed on the air that the FCC would never find him. A number of amateurs assisted in the investigation.

-W5YI Report, August 1993

HAMBARS

RATE CARD INFORMATION

HAMBAR service, of electronic equipment only, is available to all subscribers, amateurs and non-amateurs at the rate of 10 cents per word, which includes address, call sign, etc. Minimum charge for any **HAMBAR** is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5.00 for each **HAMBAR.** No reruns. Each **HAMBAR** must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all **HAMBAR** ads contain the full mailing address, call sign, zip and area-phone number, if any. Make it easy for person wanting to buy your equipment. *No HAMBARS via telephone!*

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Deadline for all HAMBARS and ads, eighth (8th) of each month to 1280 Sarno Rd., Suite 224, Melbourne, FL 32935. Normal mailing date 25th of each month. Thank you for your cooperation.

- Editor

SELL - Heath Electronic Keyer, HW-1410, brand new in box -$45.00. CB "Echo Box" boost mike power out - $15.00. Global IC ELE-KEY EK-108D, electronic keyer, 5-55 WPM, perfect, self-contained, very well built - $45.00. Two-meter Xcvr ICOM IC-230 with mike and IC-3PA 115 ac power supply, no instruction book - $85.00. BEARCAT 210XL 18 chnl programmable scanner, looks new, 115vac, no book - $49.00. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166. (305) 888-3874.

ESTATE SALE - K3CKC. Heath SB220 Amp. - $350. Heath digital multimeter IM-1210 - $45.00. Hustler mobile vertical 5BTV -$50.00. More. You ship. Bob Saulpaugh, AG3S, 420 NE 44th Terr., Ocala, FL 34470. (904) 694-3214.

A lady asked a service station attendant if he had any maps that weren't aerial views.

FOR SALE - MAKE OFFER! I ship UPS - All new in original pack. 4 - Eimac 304TL, 2 - 8167/4CX300A, 3 - 4X150A, 2 - Eimac 4-125A, 1 - Eimac 4-65A. Lloyd Pfahler, W8FKL. 938 West Douglas Ct. Venice, FL 43093. (813) 493-5962.

Politicians are like diapers; they both should be changed often . . and for the same reason.

SALE - Ameritron AL-811, 600 Watt, 160-10 meters, new tubes and 2 new spare 811A's, mint condition - $400.00. DAWIA MS-660A SWR/WATT meter, 0-300-3000 watt, 160-10 meters, cross needle, new in box, won at hamfest - $60.00. Shure 444-D mic, new in box, never used - $45.00. Prefer pick-up on all items - try out on operating table. All boxes, cables, manuals. Don, W4PEL. 7807 NW 39th St. Coral Springs, FL 33065. (305) 752-2990.

SELL - Kenwood TS120S, PS430 Power Supply, AT120 Antenna Tuner, all perfect - $495.00 plus UPS...will seperate. Ameritron RCS-4 Remote Coax Switch - $75.00. Lou Susman, W9FUP. 2505 Antigua Ter. Pompano Beach, FL. (305) 972-8766.

I always make it a point to speak grammatically correct. Who knows? It might become popular again.

SELL - Drake TR4-CW w/AC4 supply, MS4 speaker, manual, carton, excellent condition - $385.00. EPSON PC computer (IBM XT), 640K RAM, dual floppy drives, modem, game card, MS-DOS, software, mint - $225.00. ICOM AG-25 2M GaSFET preamp -$65.00. MFJ-931 artificial ground - $45.00. I ship. Bob Needleman, KD4ZN/3. 395 Meadowbrook Rd., North Wales, PA 19454. (215) 661-9283 eves.

FOR SALE - Four band crossband repeater system. Talk-in on any band and be heard on all simultaneously. 10 Meters, 6, 220 MHz and 2 meters. Dual sited with link and microprocessor. No duplexers required. Also selling Master Pro UHF repeater with microprocessor and duplexer for $400.00. Selling new 22 dB repeater antenna for 145.41 MHz for $150. Bob, WB4AKA. 8308 Tupelo Drive; Tampa FL 33637. (813) 988-1000.

Country/Western Song: She Ain't Much to See, But She Looks Good Through the Bottom of a Glass.

FOR SALE - TS-950D. VSII, Spatial Adapter, Tuning Upgrader, IRCI matched filter set 2.1 kHz SSB filters, Kenwood CW filters, excellent condition - Used - $2,450.00. TS930S, matched pair IRCI 2.1 kHz SSB filters w/switch kit, Kenwood 500Hz CW filter, box, manual, no antenna tuner, Used -Excellent condition - $999.00. TS-130, DC Power Cord and Owner's Manual - $579.00. FL-2100B, Owner's Manual -$389.00. Hand-held Motorola PT-500 cellular flip phone; 2-batteries, AC charger, like new - $299.00. All above plus UPS. International Radio & Computer, Inc., 3804 South US 1, Fort Pierce, FL 34982. (407) 489-0956 - FAX (407) 464-6386.

FOR SALE - Brand new Icom 737 xcvr w/aat etc. Icom PS-55 Power Supply. Icom SP-21 - 737/ext speaker. Much, much more. Forced to sell because of illness. Earl Owens, KD4GOJ. 230 SW 20 St. Arcadia, FL 33821. (813) 993-1241.

Another C/W tune: Don't Cry Down My Back, Baby. You Might Rust My Spurs.

WANTED - FM Module for ICOM 551D, 6 M, all mode radio. Leo Schein, KD4GJN. 32 Douglas Dr., Ocean Ridge, FL 33435. (407) 276-8871.

WANTED - Wilson Antenna sys 33. SELL - Brand new MC60 & MC85 mic in original boxes. Commodore SX64 computer & Pakratt PK64. Call Henry Haayen, WD4PTO; 6330 NW 37 Terr; Miami FL 33166. PH: (305) 871-7232.

AMENDED WORDING - PART 97

According to a summary appearing in the *Federal Register,* Part 97 of Chapter I of Title 47 of the *Code of Federal Regulations* is amended as follows:

PART 97 - AMATEUR RADIO SERVICE

(Section 97.113)

1. The authority citation for Part 97 continues to read as follows: Authority: 48 Stat. 1066, 1082, as amended; 47 U.S.C. 154, 303, Interpret or apply 48 amended; 47 U.S.C. 151-155, 301-609, unless otherwise noted.

2. Section 97.113 is revised to read as follows:

(a) No amateur station shall transmit:

(1) Communications specifically prohibited elsewhere in this Part;

(2) Communications for hire or for material compensation, direct or indirect, paid or promised, except as otherwise provided in these rules;

(3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer. Amateur operators may, however, notify other amateur operators of the availability for sale or trade of apparatus normally used in an amateur station, provided that such acclivity is not conducted on a regular basis;

(4) Music using a phone emission except as specifically provided elsewhere in this Section; communications intended to facilitate a criminal act; messages in codes or ciphers intended to obscure the meaning thereof, except as otherwise provided herein; obscene or indecent words or language; of false or deceptive messages, signals or identification;

(5)Communications, on a regular basis, which could reasonable be furnished alternatively through other radio services.

(b) An amateur station shall not engage in any form of broadcasting, nor may an amateur station transmit one-way communications except as specifically provided in these rules; nor shall an amateur station engage in any activity related to program production or news gathering for broadcasting purposes, except that communications directly related to the immediate safety of human life or the protection of property may be provided by amateur stations to broadcasters for dissemination to the public where no other means of communication is reasonably available before or at the time of the event.

(c) A control operator may accept compensation as an incident of a teaching position during periods of time when an amateur station is used by that teacher as a part of classroom instruction at an educational institution.

(d) The control operator of a club station may accept compensation for periods of time when the station is transmitting telegraphy practice or information bulletins, provided that the station transmits such telegraphy practice and bulletins for at least 40 hours per week; schedules operations on at least six amateur service MF and HF bands using reasonable measures to maximize coverage; where the schedule of normal operating times and frequencies is published at least 30 days in advance of the actual transmissions; and where the control operator does not accept any direct of indirect compensation for any other service as a control operator.

(e) No station shall retransmit programs or signals emanating from any type of radio station other than an amateur station, except propagation and weather forecast information intended for use by the general public and originated from United States Government stations and communications, including incidental music, originating on United States Government frequencies between a space shuttle and its associated Earth stations. Prior approval for shuttle retransmissions must be obtained from the National Aeronautics and Space Administration. Such retransmissions must be for the exclusive use of amateur operators. Propagation, weather forecasts, and shuttle retransmissions may not be conducted on a regular basis, but only occasionally, as an incident of normal amateur radio communications.

Amateur Radio/ Professional Teacher's Week

A Proposal

-by Larry Amann, K5TQN

This has been a quiet two-year research project, but to try and minimize what reservations Tallahassee might have, we believe it is time to go public.

To all Florida Hams: A proposal is before Governor Chiles to honor the union of radio amateurs and excited and adaptable school teachers for its outstanding national impact on our ailing educational process. The proposal is for an Amateur Radio and Professional Teacher's Week.

We urge all Hams, and their teacher, student and PTA friends, to support this proposal with a brief note to Governor Chiles explaining the reason for you concurrence.

Due to the sensitivity of this proposal, since the ARRL has advised us that this is a "first", it is urgent to expedite its support.

Governor Chiles has been advised that a Florida "first" would no doubt be recognized as the catalyst for whatever followed. Our Special Event Stations would blanket the world with a special message of acknowledgment from Governor Chiles for each contact made.

It is foreseeable that a successful Florida celebration would establish the precedent for a similar National Celebration. By the turn of the century the vision of an International Celebration could become a reality. By then, millions of radio amateurs, school teachers, students and parents would be bonded together in a great educational adventure displaying the great healing process of man's humanity for man.

SPEAKING OF ANTENNAS

Welcome to my good friend Ted Hart, W5QJR, who is known throughout the world, for his innovative research and design of antennas, especially for amateur radio. He has prepared a series of articles that I'm happy to present to my FLORIDA SKIP readers. //ger

-by Ted Hart, W5QJR Antenna Products
P.O. Box 334; Melbourne, FL 32902

WHICH ANTENNA ???

This is an introduction to a series of articles that will appear in this publication. The purpose of these articles will be to present information about many types of antennas to allow you to choose the one that suits your need. Every Ham must go through a detailed process to select the best antenna for his use. This should minimize the effort. It is hoped that the presentation style will provide the information to allow direct comparison, something that has been missing in other publications. You won't have to be an antenna expert to make the comparisons. Therefore, when you do select an antenna and construct it, you will know what to expect from it's performance, both the good and the bad.

There is no one antenna that solves the problem for everyone. Some like to rag chew. Some like to chase DX. Some have regular schedules with friends. Most of us have limited space and budgets. Each antenna has a specific purpose for which it was designed. You can build a notebook from this series, then select the antenna that suits your operational scenario. The antenna designs will be restricted to the HF bands, 160 thru 10 meters. This series will be restricted to wire antennas, since beams are adequately covered in other publications.

There are many criteria for selecting the optimum antenna. The major factor may be economics, restrictions on height, etc. Just be aware that the antenna you choose may not offer all you want, but as a compromise you can make the best of it by knowing it's performance and using that to your advantage.

Each antenna will be described, with emphasis on radiation patterns. Where room allows (each one will be restricted to a single page) helpful hints on construction, tuning and matching will be included.

To contain the information in a single page will necessitate condensing the information and not being able to present as thorough a summary as some would like, but we will do the best we can. A standard format will be used to allow direct comparison. Radiation patterns will be provided for elevation, both in the plane of the antenna and broadside, if it is directional. An azimuth pattern at a takeoff angle of 15 degrees will be presented in addition to one at maximum gain. This will give a good indication of DX performance and general coverage, respectively.

The first article will be a simple dipole. These antennas have a lot of virtue if used properly, and become a standard of comparison for other antennas. From there, it will be the editors choice as to which he places in each issue of the publication, therefore it would not be appropriate to provide a listing. Each one will have a number. If you compile a notebook and one is missing, tap a friend for a copy.

The following presents abbreviations and acronyms that will be used:

Length – nominal length of wire expressed in wavelengths. Trim to resonance at your location.

λ – wavelength – to convert to feet, divide 982 by the desired frequency. All dimensions will be normalized to wavelength to allow the design to apply to any frequency in the HF spectrum.

Height – all antenna patterns will be presented above real ground. Analysis was performed at 3.8 Mhz – at other bands there will be some difference, but I can't cover them all.

Max Gain – expressed in dBi at the elevation angle of the maximum lobe, and at the azimuth angle relative to the plane of the wire.

dBi – gain of the antenna relative to an isotopic source.

Z – nominal impedance of the antenna at resonance, expressed in ohms (Radiation resistance). Due to limitations of ELNEC that is used for the design, all resistances are relative to a perfect ground.

Wire – all wire antennas use #10 copper wire for calculations.

Radials – all ground radial systems use 10 #10 buried wires with a length of 0.1 λ

Remember, once the antenna is constructed, it will only provide the calculated performance if it is tuned to the operating frequency. This requires you to trim the length for resonance at the desired frequency. Unless otherwise specified, all balanced antennas require a balun at the feedpoint. Without the balun, the pattern will be significantly affected by the feed line.

As a general rule, for communication out to about 1000 miles, a horizontal antenna should be used. For the longer ranges a vertical should be used.

This series is not a commercial plug for any antenna, either type or manufacturer. As a personal preference, the author is opposed to multiband horizontal antennas, since the pattern is significantly affected by the height in wavelengths. This means that a separate antenna should be used for each band for best results. If cost or other considerations dictate a single horizontal antenna for multiband operation, use the antenna data to determine what the performance is and make the best of it. On the other hand, multiband verticals are OK. The only one I have heard good recommendations for (from many users) is the GAP antenna. Hope this series assists you in the enjoyment of HAM radio communications.

73's Ted W5QJR

FLORIDA HAMFEST UPDATE

DATE	LOCATION	NOTES
Sept 26 (Sunday only)	New Port Richey	New Port Richie Recreation Center 6630 Van Buren Talk-in on 145.350 or 147.150
Oct 9	Titusville	FREE! At Sandpoint Park on RT 406, east of U.S. 1. Exit 80 off I-95 Talk-in on 146.910
Oct 16	Starke	Bradford County Fairgrounds US 301 and SR 100 Talk-in on 145.150
Oct 23/24	West Palm Beach	Expo Center at South Fla Fairgrounds SR 80 just east of US 441 Talk-in on 147.165
Oct 29/30	St. Petersburg	QCWA National Convention at St. Pete-Clearwater Airport Holiday Inn Talk-in on 145.290
Nov 6	Eustis	Lake County Fairgrounds Talk-in on 147.255 & 442.900
Nov 13	Lake Worth	FREE! At Sunset Ridge Park, Ave. A and 13th St. North Talk-in on 146.670
Nov 20/21	Tampa	Expo Hall, Fla State Fairgrounds Talk-in on 146.940
Dec 4	Okeechobee	Agriculture Center Bldg on U.S. 441, 1.5 miles north of S.R. 70 Talk-in on 147.195
- 1994 -		
Jan 15	Fort Myers	Shady Oaks Community Center on Marion St. Talk-in on 146.880
Jan 22	Crystal River	Crystal River Armory Talk-in on 146.955
Jan 23	Pinellas Park	Benefit Pinellas Park Boy's Club 61st St N Talk-in on 147.060
Jan 29	Sarasota	Robards Sports Arena & Fairgrounds 3000 Fruitville Rd Talk-in on 146.910 and 146.730
Feb 5/6	Miami	Dade County Expo Center SW 112th Ave & Coral Way Talk-in on 146.925
Feb 12	Pensacola	Bayfront Municipal Auditorium Talk-in on 146.760 & 444.925
Feb 12	Arcadia	Am. Legion Hall on Hwy 70, 2 miles west of town. Talk-in on 147.075
Feb 19/20	Orlando	Central Florida Fairgrounds 4300 W. Colonial Way Talk-in on 146.760
Feb 26	Stuart	FREE! At Langford Park, Jensen Beach Talk-in on 147.060
Feb 26	Brooksville	Hernando County Fairgrounds Talk-in on 146.715

Send any corrections or additions to KB4VOL @ KB4VOL

Message - continued from Page 2

After last year's nightmare with the auditorium under construction, this year's hamfest went almost as smoothly as the shuttle shot. Congratulations to Howard, N4Mz, and his efficient staff for a job well done! //ger

Joint Resolution continued from fron

Notes for Senators should be addressed to:

✍ **The Hon. _____**
U.S. Senate Office Building
Washington DC 20510

and, for Representatives:

✍ **To The Hon. _____**
House Office Building
Washington, DC 20515

The following are the Florida co-sponsors:

Sen. Bob Graham (D)
Rep. Pete Peterson (D-2)
Rep. Michael Bilirakis (R-9)
Rep. Peter Deutsch (D-20)

Hello... CQ CQ CQ.

Some hams start out with two cans and a piece of string. The Melbourne Hamfest had something for everyone.

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